

**ABSTRACT**

The invention relates to a control device for displacing at least one machine axis of a machine tool or production machine. To this end, the control device comprises a control element (2) that can deviate from a position of rest. Set values ( $X_{soll}$ ) for controlling (9) or regulating the machine can be generated according to the extent and duration of the deviation (1). During a deviating process of the control element (2) and when the deviation of the control element (2) is in a stationary state, a pulse-shaped mechanical feedback can be conveyed via the control element (2) to the operator for at least one generated change in the set value. This results in the creation of a control device that provides the operator with a mechanical feedback over the path of displacement.